

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Previously Presented) A wireless station that communicates with at least one other wireless station in a local area network (LAN), comprising:

a media access control (MAC) device that controls transitions between an active mode and a low power mode;

a radio frequency (RF) transceiver that communicates with said MAC device and that, after said transition to said active mode, transmits data during a predetermined time slot that is assigned to said wireless LAN station and that is not assigned to other wireless LAN stations in said LAN;

a baseband processor (BBP) that performs radio frequency mixing and that communicates with said MAC device and said RF transceiver and that includes a first phase locked loop (PLL) that generates a first clock signal for said BBP during said active mode; and

a crystal oscillator device that is selectively controlled by said MAC and that outputs a timing signal to said first PLL during said active mode, wherein said RF transceiver includes a second PLL that receives said timing signal from said crystal oscillator during said active mode and that generates a second clock signal for said RF transceiver.